

FIGURE 1

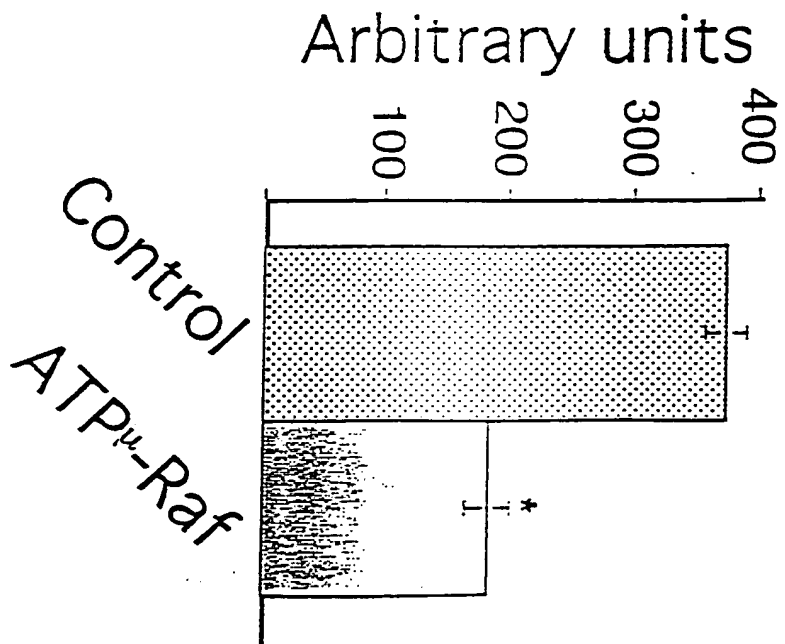
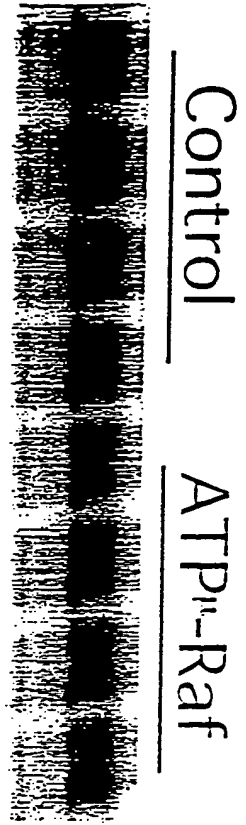
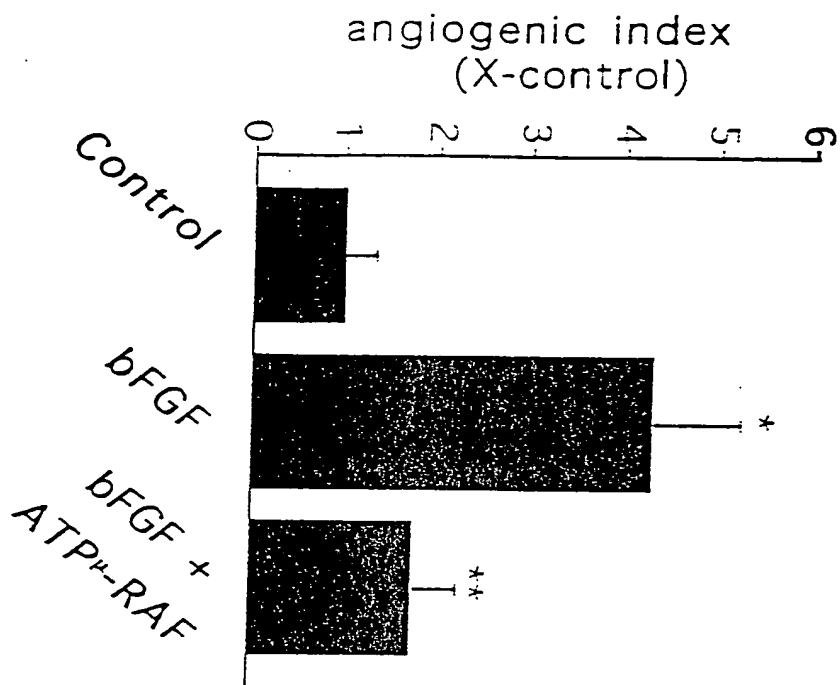


FIGURE 2

A



B

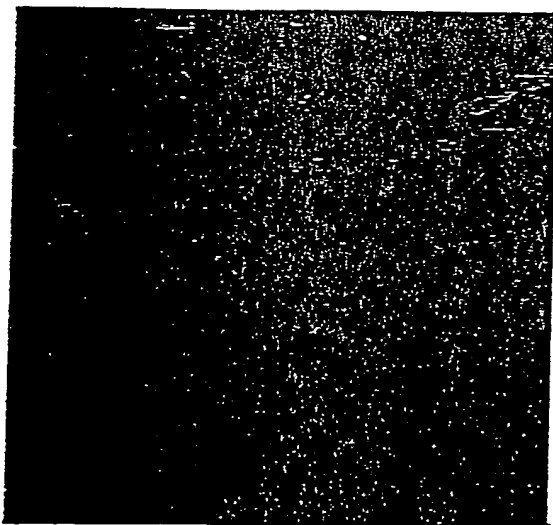
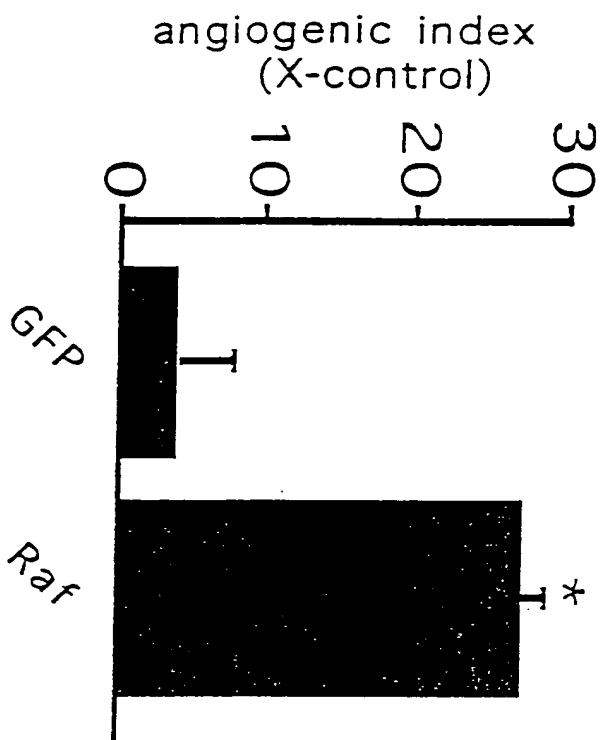


FIGURE 3

A



B

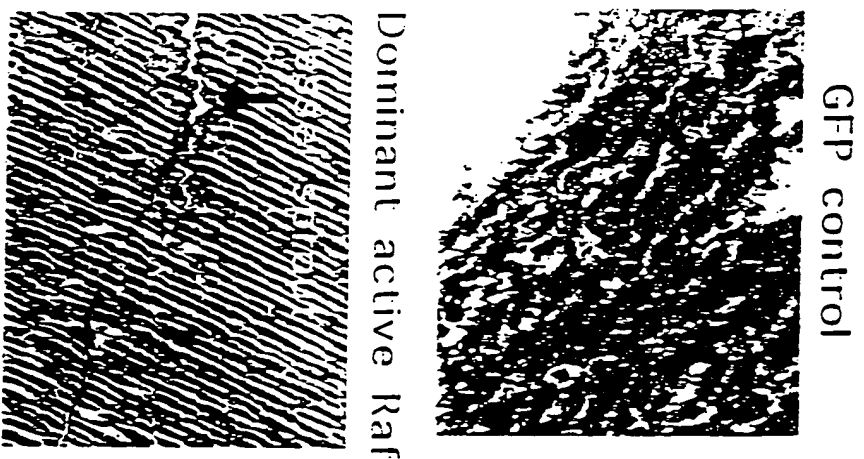


FIGURE 4

09537302.081100

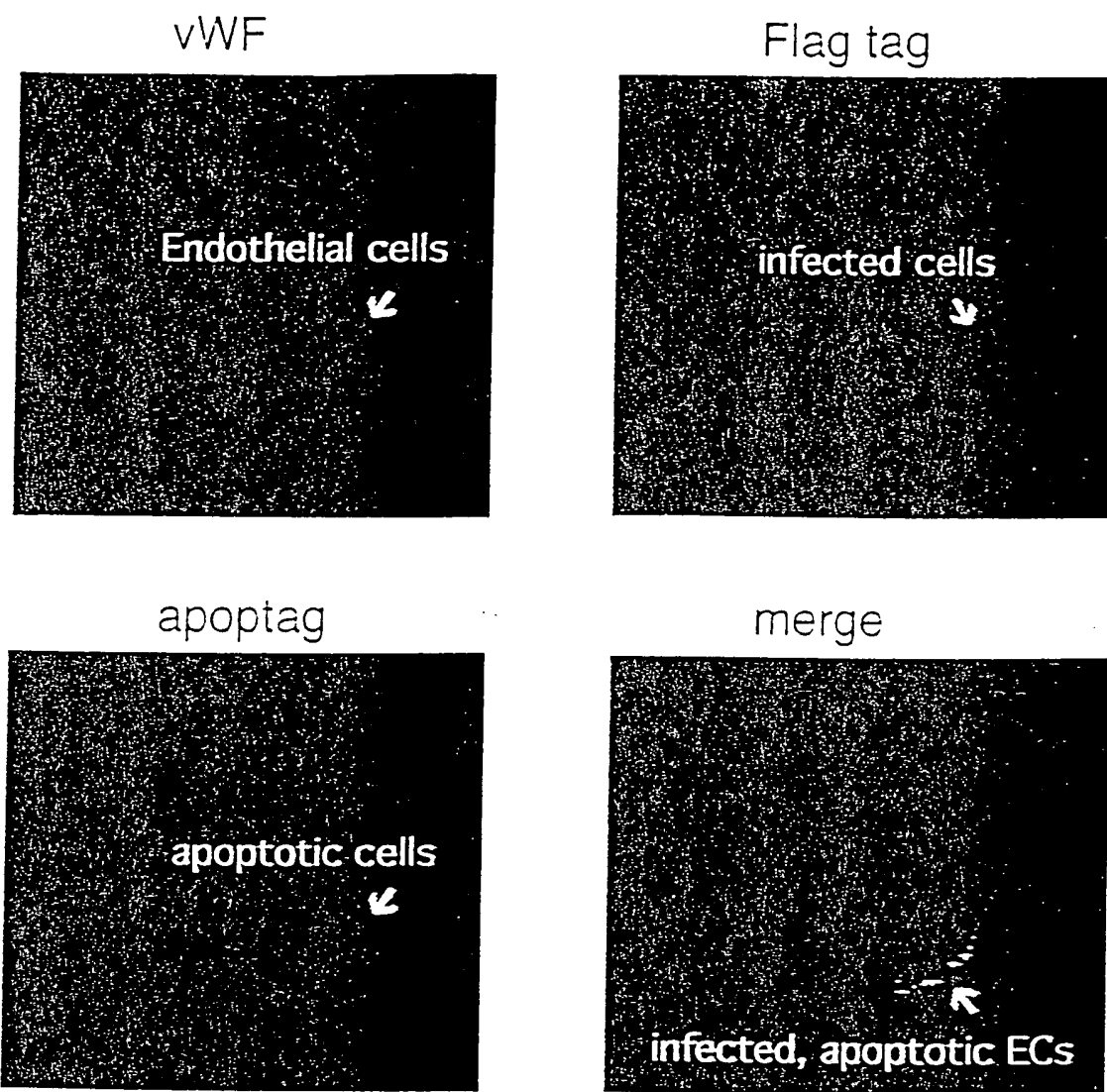


FIGURE 5

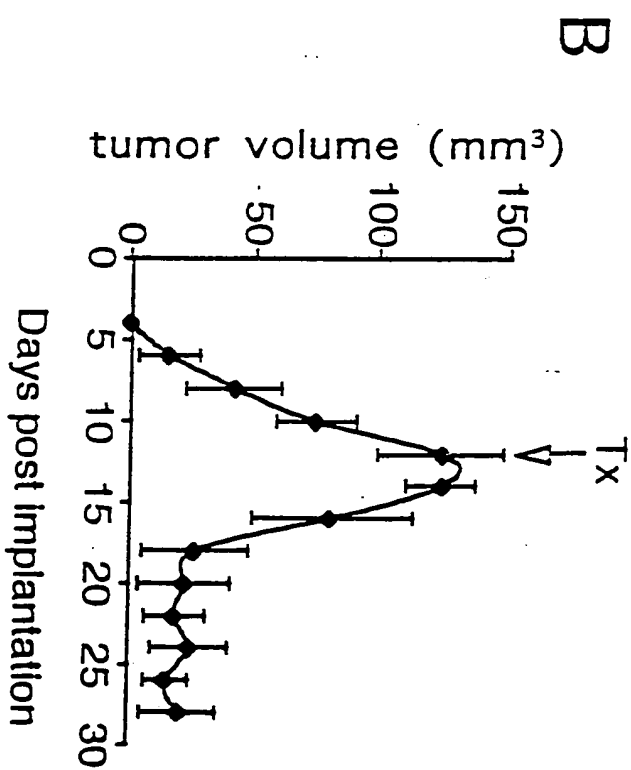
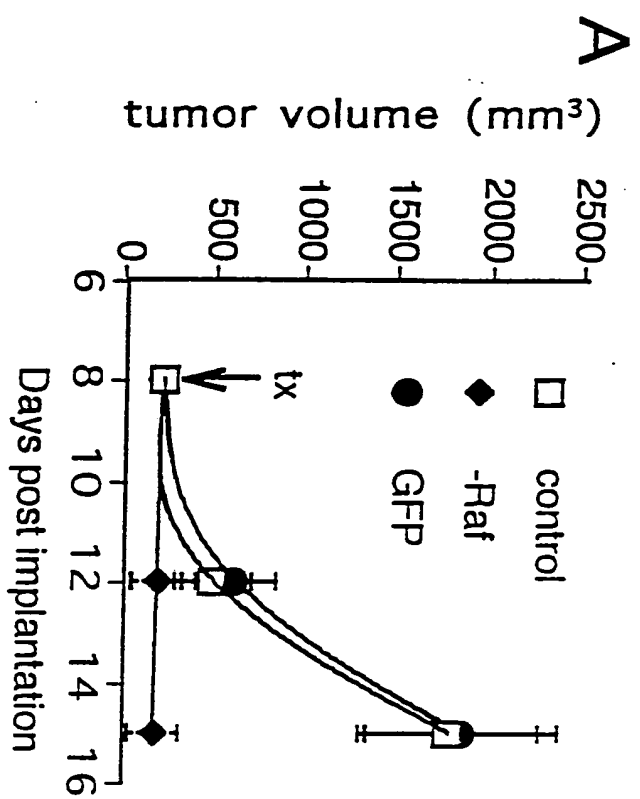


FIGURE 6

HUMAN c-RAF cDNA

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 ttggggcgccctggtccctcagggttaagaattgtttaagctgcatcaatggagcacatacaggggagcttggaagacga
 tcagcaatggtttggattcaaagatgccgtgttgatggctccagctgcatctctctacaatagttcagcagttggc
 tatcagcggccgggcatcagatgatggcaactcacagatccttctaagacaagcaaacactatccgtgttttctgccgaa
 caagcaagaacagtggtcaatgtgcgaaatggaatgagcttgcatgactgccttatgaaagcactcaaggtgagggggcc
 tgcaaccagagtgtgtgcagtggtcagacttctccacgaacacaaaggtaaaaaagcacgcttagattggaatactgat
 gctgcgtctttgattggagaagaactcaagtagatttctggatcatgttccctcacaacacacaactttgtcggaa
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 atgatttgggtttaattttgttttattgcacctgacaaaatacagttatctgatggtccctcaattatgtatttttaa
 taaaataaattaaattt

FIGURE 7

HUMAN c-RAF ENCODED PROTEIN

MEHIQGAWKTISNGFGFKDAVFDGSSCISPTIVQQFGYQRRASDDGKLT
PSKTSNTIRVFLPNKQRTVVNVRNGMSLHDCLMKALKVRGLQPECCAV
FRLLHEHKGKKARLDWNTDAASLIGEELQVDFLDHVPLTTHNFARKTFL
KLAFCDICQKFLNGFRCQTCGYKFHEHCSTKVPTMCVDWSNIRQLLLFP
NSTIGDSGVPALPSLTMRMRRESVSRMPVSSQHRYSTPHAFTFNTSSPS
SEGSLSQQRSTSTPNVHVMVSTTLPVDSRMIEDAIRSHSESASPSALSSS
PNNLSPTGWSQPKTPVPAQRERAPVSGTQEKNKIRPRGQORDSSYYWEIE
ASEVMLSTRIGSGSFGTVYKGKWHGDVAVKILKVVDPTPEQFQAFRNE
VAVLRKTRHVNILLFMGYMTKDNLAIVTQWCEGSSLYKHLHVQETKF
QMFQLIDIARQTAQGMDYLHAKNIHRDMKSNNIFLHEGLTVKIGDFGL
ATVKSRWSGSQQVEQPTGSVLWMAPEVIRMQDNNPFSFQSDVYSYGIV
LYELMTGELPYSHINNRDQIFMVGRGYASPDLSKLYKNCPKAMKRLVA
DCVKKVKEERPLFPQILSSIELLQHSLPKINRSASEPSLHRAAHTEDINAC
TLTTSRPLPVF

FIGURE 8

09637302-031100

09637302-081100
001180-2084E960

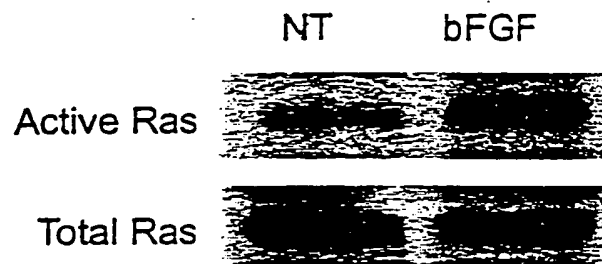


FIGURE 9

00637302-081100

atgacggaatataagctggtggtggtggcgccggcggtgtgggcaagagtgcgtgaccatccagctgatccagaacca
ttttgtggacgaatacgaccccactatagaggattcctaccggaagcaggtggtcattgatggggagacgtgcctgttgg
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cgtgagatccggcagcacaagctgcggaagctgaacctctctgatgagagtggccccggctgcatgagctgcaagtgtgt
gctctctga

FIGURE 10

MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSY
RKQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLC
VFAINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGNKCDL
AARTVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLV
REIRQHKLRKLNPPDESGPGCMSCKCVLS

FIGURE 11

DOTS0" 20E2E960

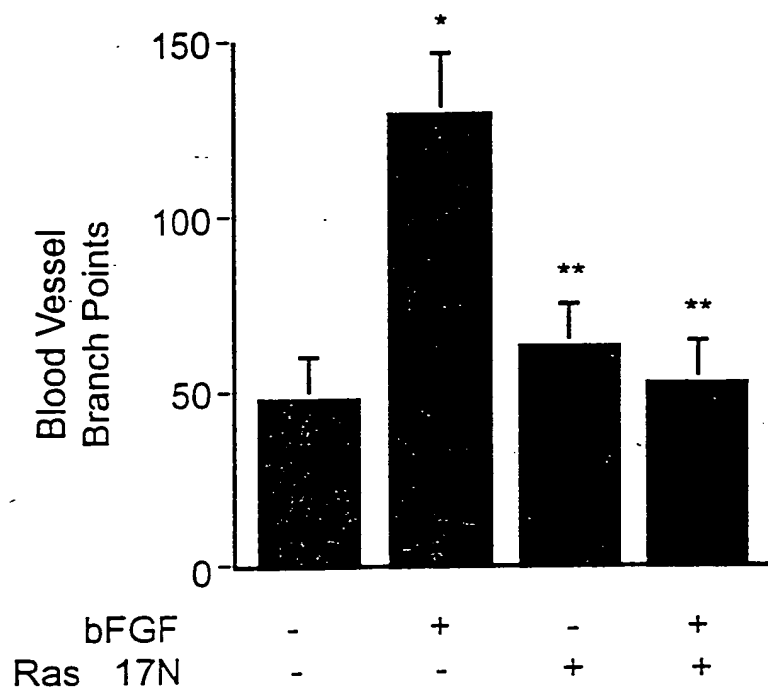


FIGURE 12

Ras Effector Mutants

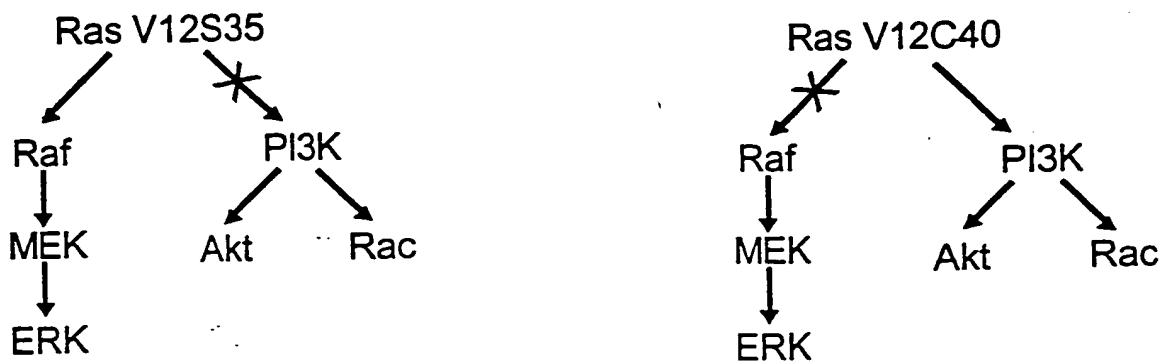


FIGURE 13A

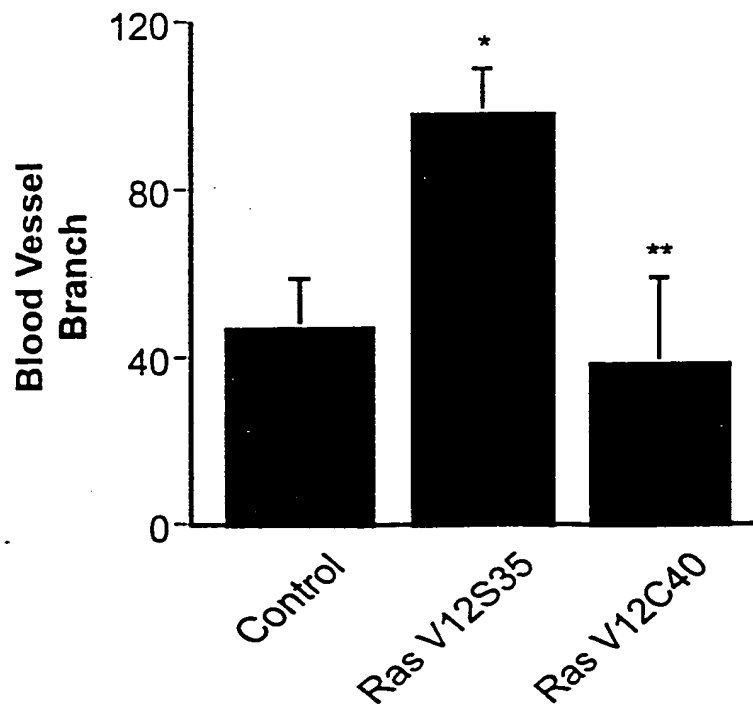


FIGURE 13B

SECRET

..

DOTFBO" 20EZE960

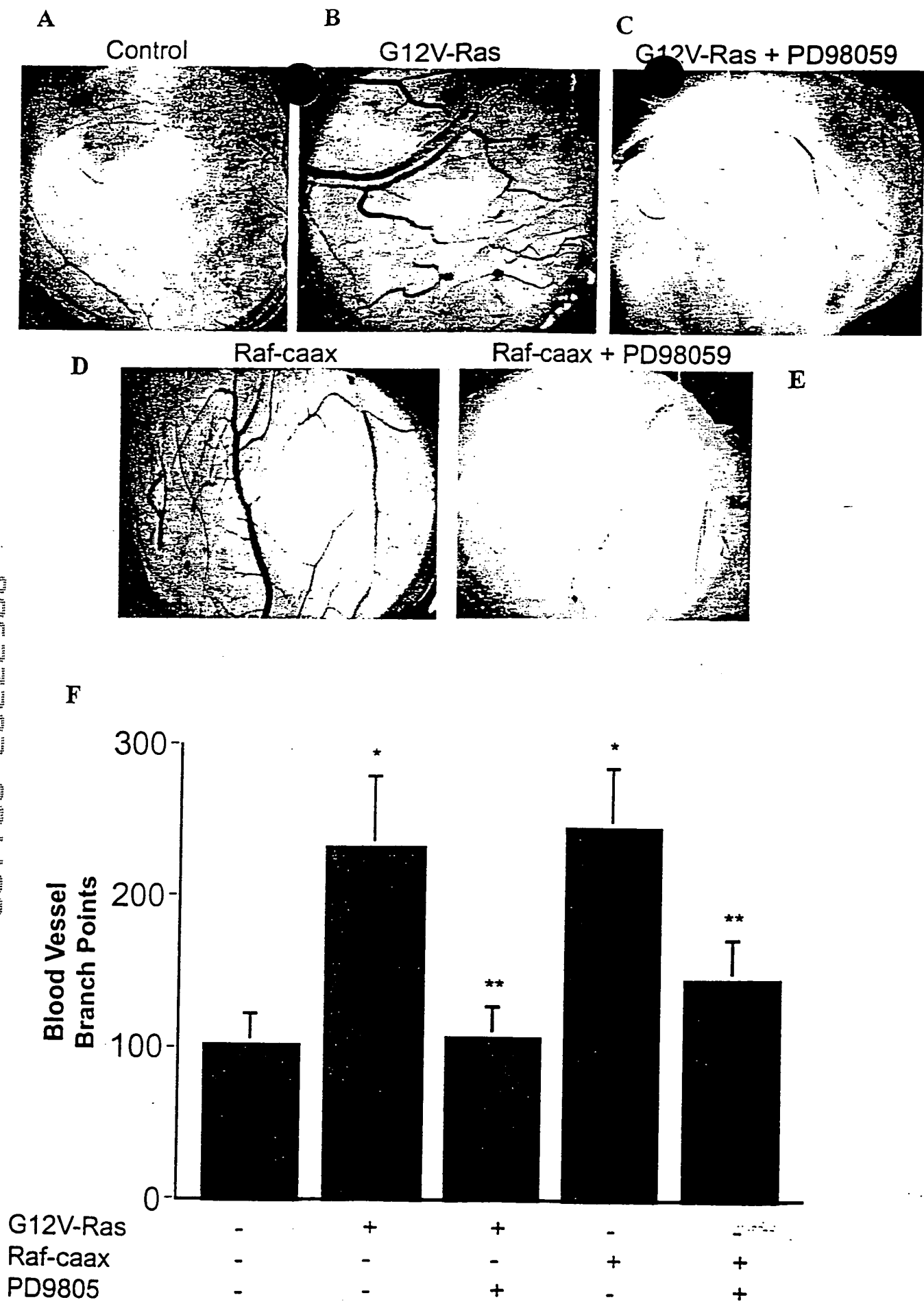
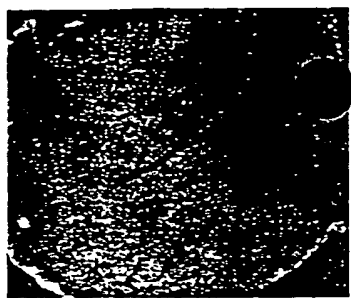


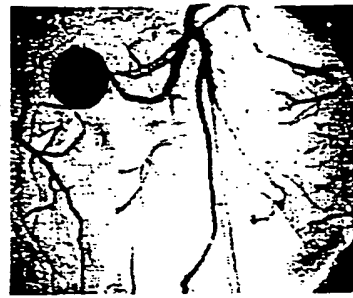
FIGURE 16



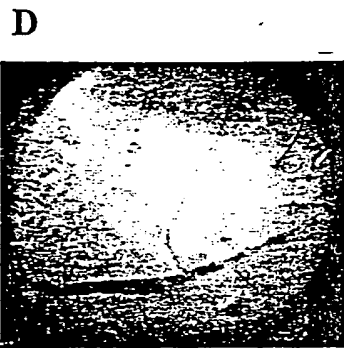
bFGF



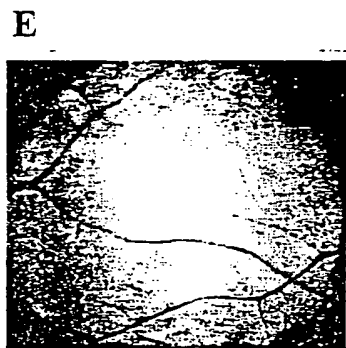
G12V-Ras



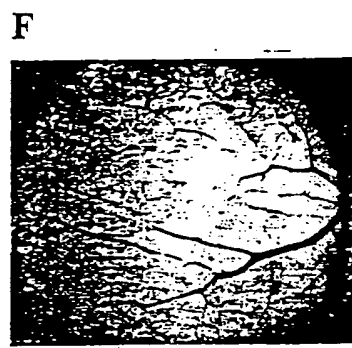
Raf-caax



bFGF +
anti- $\alpha_v\beta_3$



G12V-Ras +
anti- $\alpha_v\beta_3$



Raf-caax +
anti- $\alpha_v\beta_3$

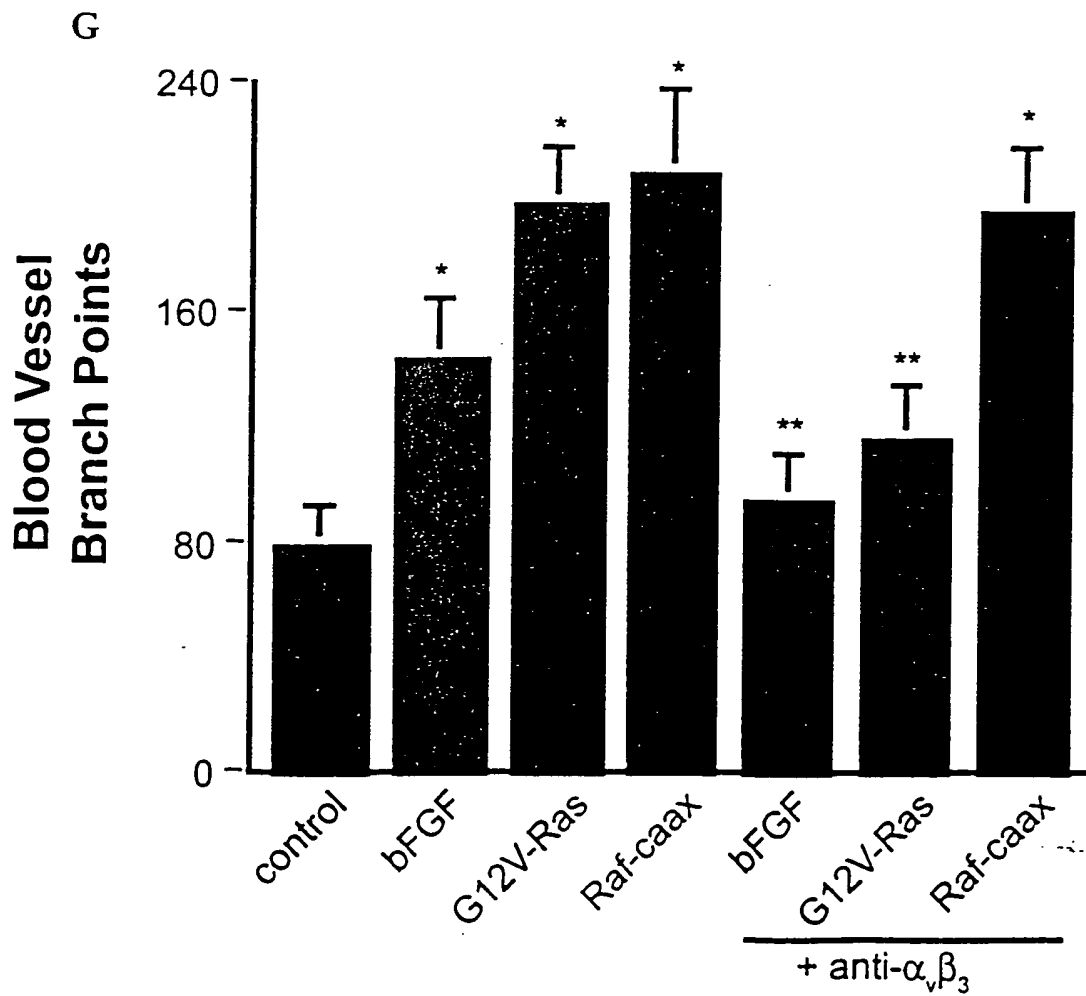
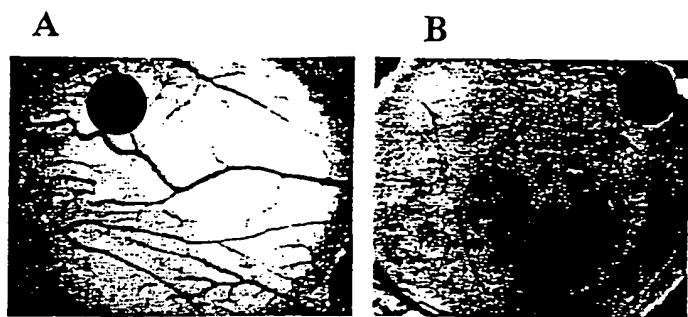
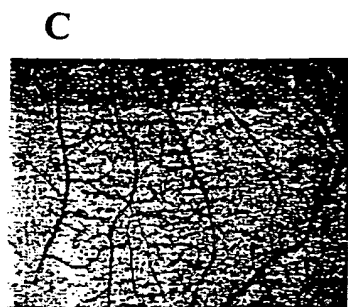


FIGURE 17

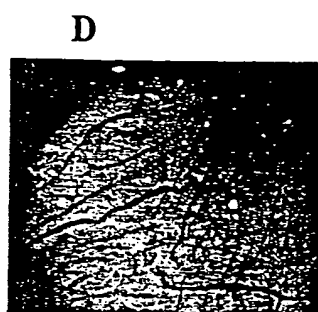


G12V-Ras

G12V-Ras + FRNK



Raf-caax



Raf-caax + FRNK

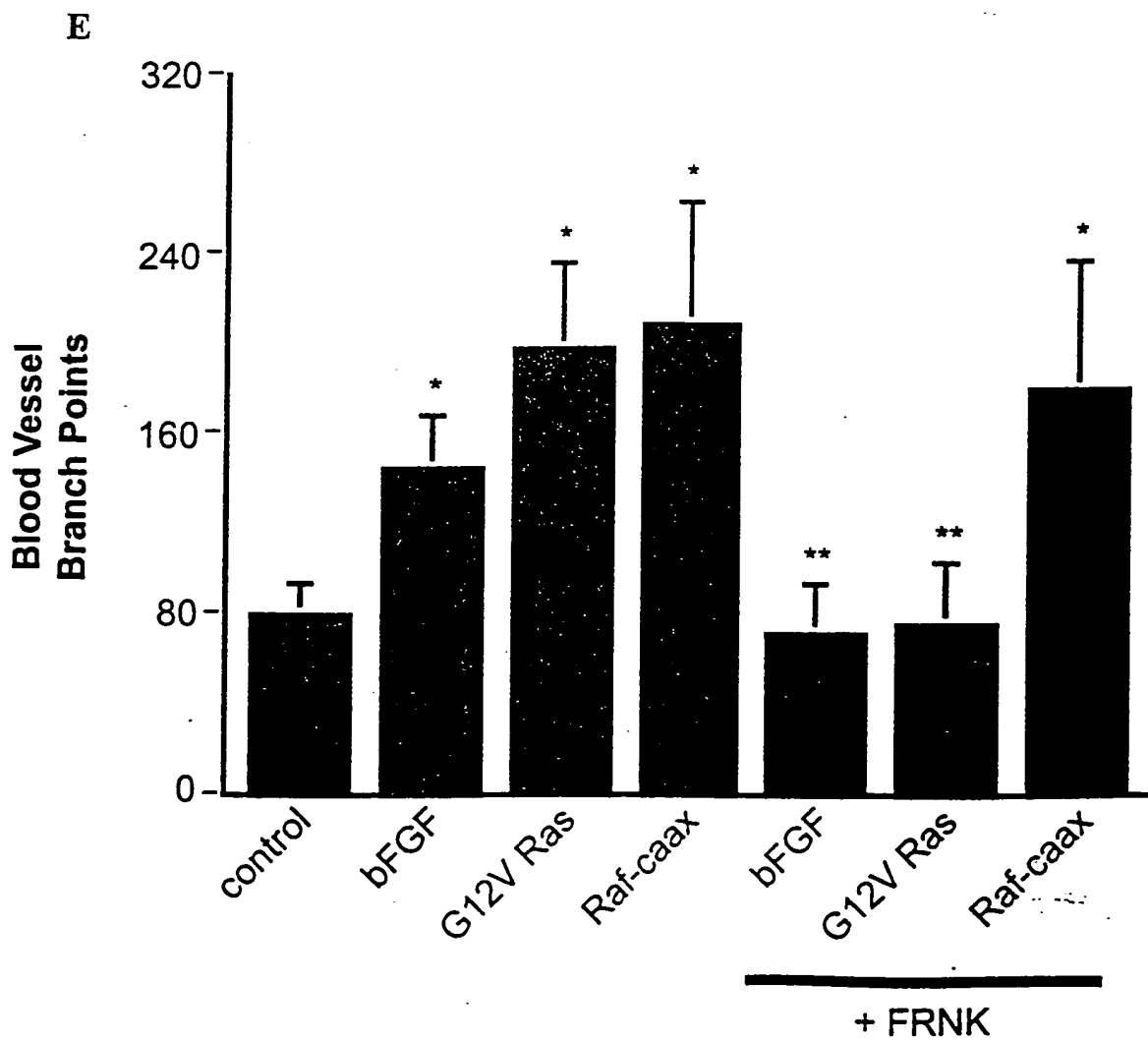
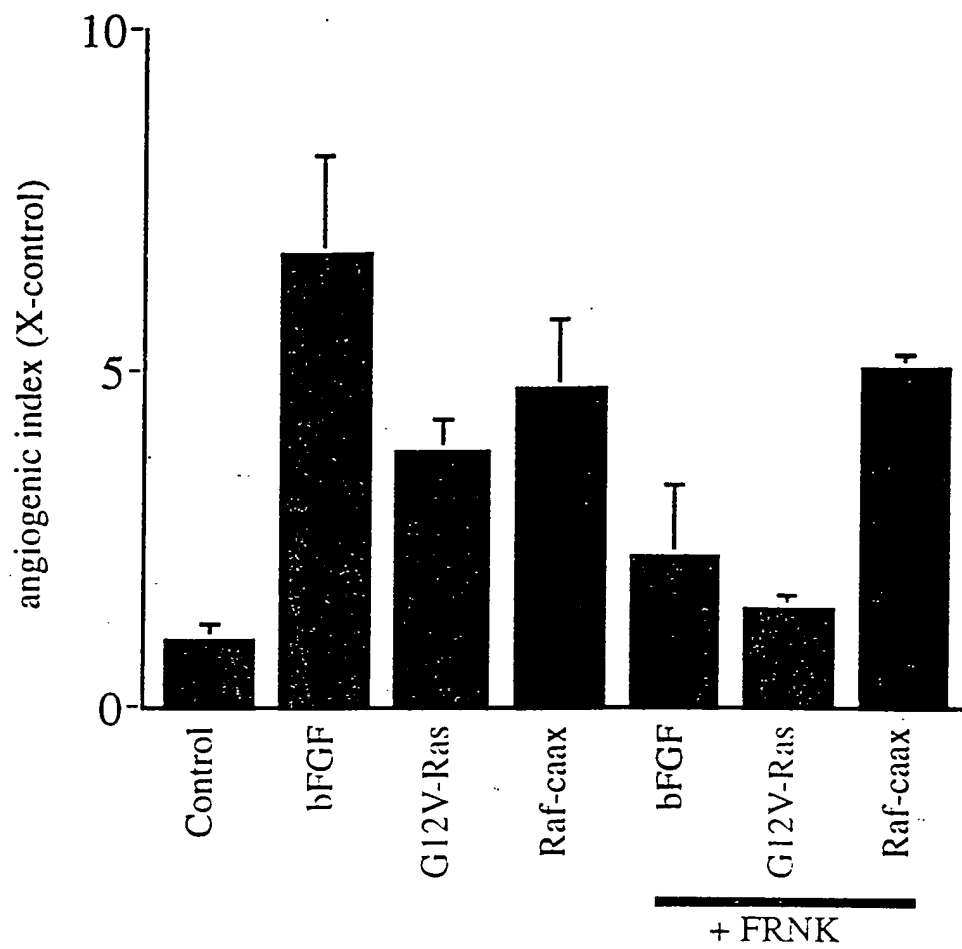


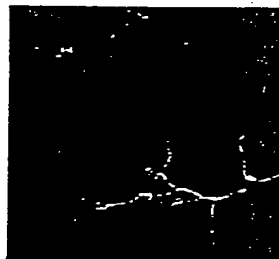
FIGURE 18

A



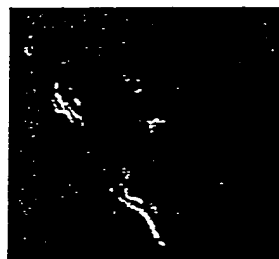
B

bFGF



C

G12V-Ras



D

Raf-caax

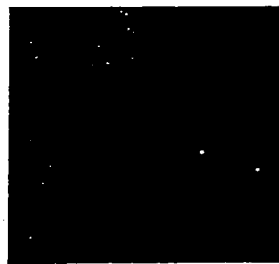


+ empty vector

E



F



G



+ FRNK

FIGURE 19

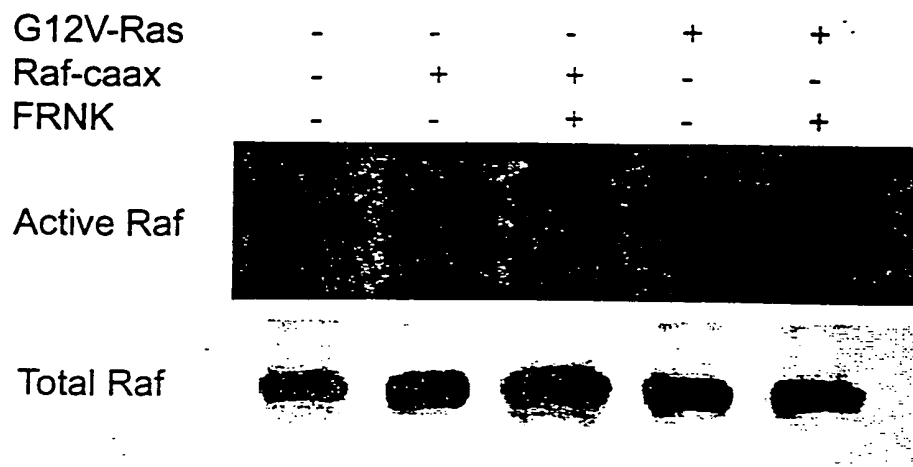


FIGURE 20A

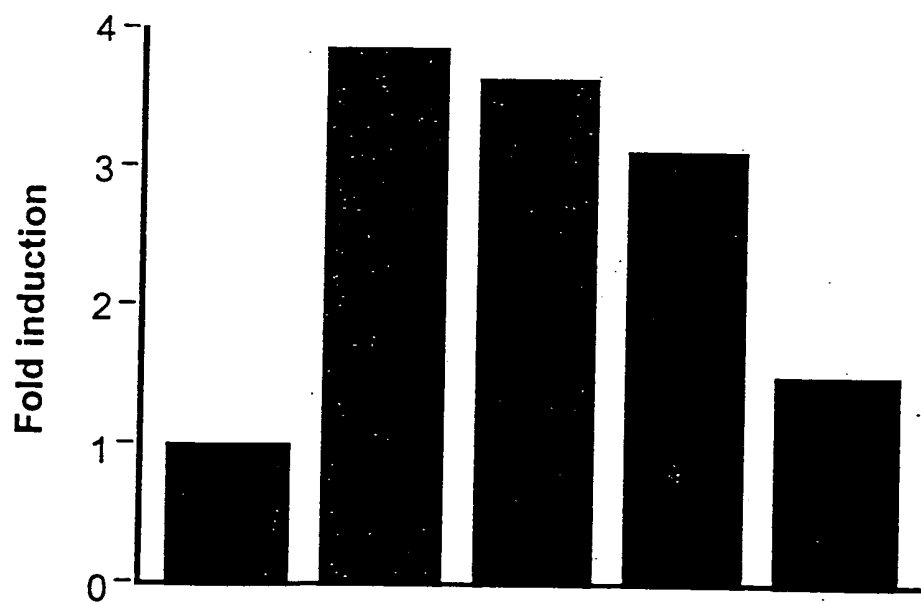


FIGURE 20B